

Form C-122
Revised 12-1-55

Undesignated <i>Fulcher Kelly</i> Pictured Cliffs		Formation Pictured Cliffs		County San Juan	
Initial I		Annual		Special Date of Test 7-16-66	
Company Tenneco Oil Co.		Lease Hargraves		Well No. A-1	
Unit B	Sec. 4	Tap. 27	Range 10	Purchaser	
Casing 2 7/8	Wt.	I.D.	Set at 2114	Perf.	To
Tubing 2 7/8	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From:	To:	L:	G:	GL:
			650	1374	Bar. Press. 12.0
Producing Through:	Casing	Tubing I	Type Well -- Single -- Braden head -- G.G. or G.O. Dual Single		
Date of Completion	Packer		Reservoir Temp. 94		

OBSERVED DATA

[illegible]

FLOW CALCULATIONS

Coefficient (24 Hour)	$\sqrt{\frac{h}{w \cdot p_f}}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF P D @ 15,025 psia
12.3650		133	1.000	.9608	1.013	1595

PRESSURE CALCULATIONS

Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 P_c 5.551 $(1 - e^{-S})$ 0.095 P_c 323 P_c^2 104,329

No.	$\frac{P_w}{P_t}$ psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	$\frac{\Delta P_w}{P_w}$
1.	133	17689	8854	78393	7447	25136	79193	
2.								
3.								
4.								
5.								

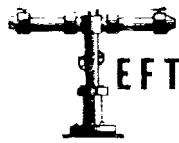
ABSOLUTE POTENTIAL: 2016 MCFPD; n .85 1.2640

COMPANY Tenneco Oil Company WITNESSED

ADDRESS P. O. Box 1714, Durango, Colorado COMPANY

AGENT AND TITLE J. E. Massey J. E. Massey
District Production Engineer





EFTELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

Page 8
File 2-1998-AOF

8

Company TENNECC OIL COMPANY Lease HARGRAVES "A" Well No. 1
Field UNDESIGNATED PICTURED CLIFFS County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date JULY 16, 1966

PRESSURE POUNDS PER SQUARE INCH GAUGE

